

INTERNATIONAL SEARCH REPORT

International Application No

P 03/11738

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C03B5/225 B21D15/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 C03B B21D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 08, 6 October 2000 (2000-10-06) -& JP 2000 128548 A (ASAHI TECHNO GLASS CORP), 9 May 2000 (2000-05-09) paragraph '0012! abstract ---	1-10,12
X	US 2002/046586 A1 (GOLITZER HUBERTUS ET AL) 25 April 2002 (2002-04-25)	11
X	& DE 100 51 946 A (OMG AG & KO KG) 29 May 2002 (2002-05-29) cited in the application claim 1 -----	11



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

*** Special categories of cited documents :**

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

29 March 2004

Date of mailing of the international search report

13/04/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Creux, S

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP 03/11738

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2000128548 A	09-05-2000	NONE	
US 2002046586 A1	25-04-2002	DE 10051946 A1 BR 0104615 A CN 1349866 A EP 1199116 A2 JP 2002205123 A TW 509598 B	29-05-2002 28-05-2002 22-05-2002 24-04-2002 23-07-2002 11-11-2002